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TEST ELECTRIC HARDENING, GRINDING PROCESSES

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TEST ELECTROCONTACT GRINDING OF GEARS -- Alma-Ata, Kazakhstanskaya Pravda, 4 Mar 51

A new method of electrocontact grinding of gear teeth has been tested at the Alma-Ata Heavy-Machine-Building Plant. Gears can now be ground on ordinary machine tools.

The speed of grinding has increased ten times. The quality of work produced on the experimental machine tool meets all technical requirements.

This method can be used not only at plants but also at MTS and sovkhoz workshops.

ELECTROLYTE CLOGS MACHINE TOOL -- Leningradskaya Pravda, 27 Feb 51

Anode tool grinding is used extensively at the Leningrad Vulkan Plant. Lately, however, the tool makers have complained that the electrolytic fluid clogs the machine tool. A number of compositions were tried, and it was finally decided to add 5-10 percent mineral oil to the regular electrolyte. As a result, non-productive time in grinding operations has been considerably reduced.

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